MSHA METAL AND NONMETAL
TAILINGS AND WATER IMPOUNDMENT INSPECTION FORM

MINE ID _____ INSPECTOR_____
Date _____

Mine Name _____
Mining Company _____
Mine Product _____ MSHA District _____
MSHA Field Office_____

Name of Impoundment_____
(Report each impoundment on a separate form under the same Mine ID number)

New _____ Update _____

	Yes	No
Is impoundment currently under construction?	_____	_____
Is water or tailings currently being pumped into the impoundment?	_____	_____

<u>IMPOUNDMENT FUNCTION</u>:

_____ Tailings/Water Disposal
_____ Sediment Control
_____ Fresh Water

Nearest Downstream Town Name: _____
Distance from the impoundment _____
Dam Location: Longitude _____ Degrees _____ Minutes _____ Seconds
Latitude _____ Degrees _____ Minutes _____ Seconds
State _____ County _____

Does a state agency regulate this impoundment? YES _____ NO _____

If So, Which State Agency?_____

HAZARD POTENTIAL (In the event the impoundment should fail, regardless of how well or poorly built the dam is, the following would occur):

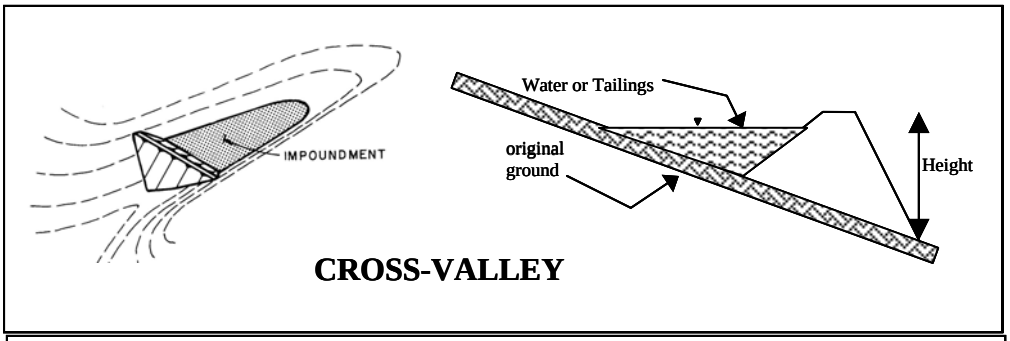
_____ Low: Facilities located in rural areas where failure would cause no loss of life and only slight property damage such as to farm buildings, forest or agricultural, or minor roads.

_____ Moderate: Facilities located in predominately rural areas where failure may cause minor damage to isolated homes, main highways or minor railroads disrupting services or relatively important facilities.

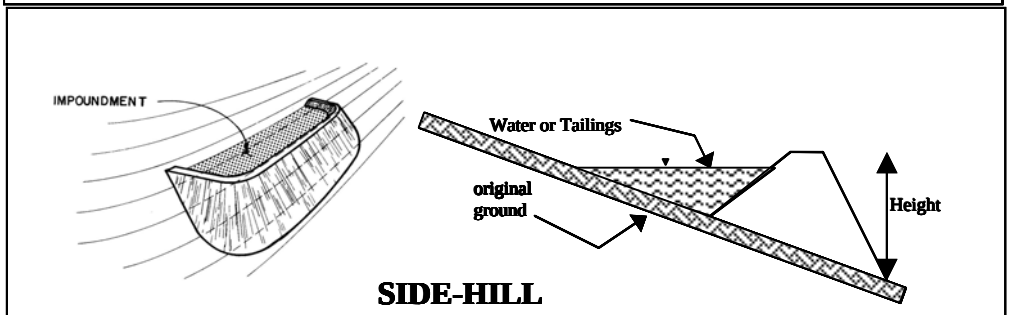
_____ High: Facilities located where a failure could be reasonably expected to cause loss of life, serious damage to houses, industrial; and commercial buildings, important utilities, highways and railroads.

DESCRIBE REASONING FOR HAZARD RATING CHOSEN:

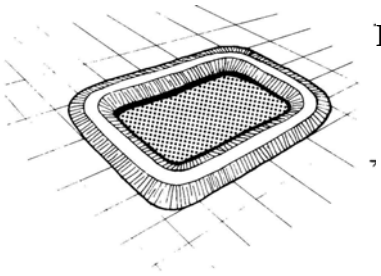
CONFIGURATION:



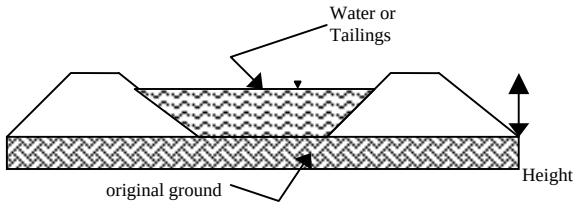
CROSS-VALLEY

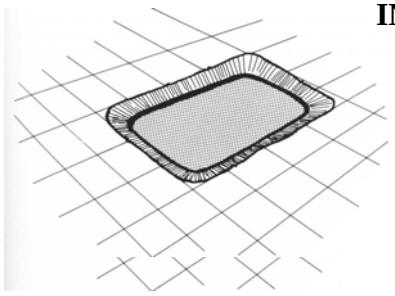


SIDE-HILL

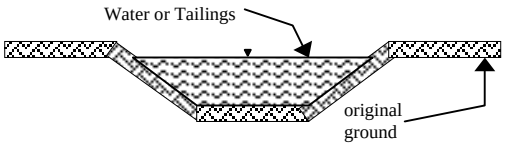


DIKED





INCISED



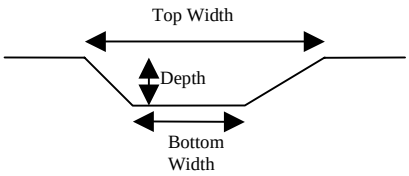
_____ Cross-Valley
_____ Side-Hill
_____ Diked
_____ Incised (form completion optional)

Embankment Height _____ feet
Pool Area _____acres
Current Freeboard _____ feet

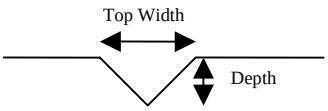
TYPE OF OUTLET (Mark all that apply)

_____ **Open Channel Spillway**
_____ Trapezoidal
_____ Triangular
_____ Rectangular
_____ Irregular

TRAPEZOIDAL

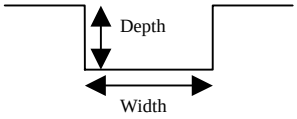


TRIANGULAR

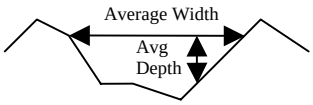


_____ depth
_____ bottom (or average) width
_____ top width

RECTANGULAR



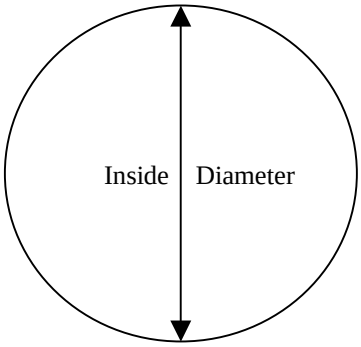
IRREGULAR



_____

_____ **Decant**

_____ inside diameter



Material
_____ corrugated metal
_____ welded steel
_____ concrete
_____ plastic (hdpe, pvc, etc.)
_____ other (specify) _____

Is water flowing through the decant? YES _____ NO _____

_____

_____ **No Outlet**

_____

_____ **Other Type of Outlet** (specify) _____

The Impoundment was Designed By _____
_____

Has there ever been a failure at this site? YES _____ NO _____

If So When? _____

If So Please Describe : _____